

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6626834".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 12:24
S2	0	US20020181839.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 11:03
S3	2	"20020181839".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:50
S4	0	2002/0143252.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:51
S5	2	"20020143252".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:31
S6	41	("20010017665" "20020143252" "20030095803" "4365863" "4436260" "4961627" "5185675" "5208880" "5222071" "5223971" "5233673" "5253033" "5253098" "5255332" "5268974" "5345521" "5373393" "5682449" "5881042" "5927798" "5943159" "5959756" "5963682" "6002818" "6008834" "6031946" "6044056" "6072624" "6084227" "6086776" "6097860" "6104478" "6108466" "6137941" "6154302" "6155802" "6163643" "6173105" "6201644" "6205267" "6300619").PN.	US-PGPUB; USPAT	OR	ON	2004/11/05 20:01
S7	2802	((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) )	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S8	1	385/15-22	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S9	3128	385/15	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17

## EAST Search History

S10	3097	385/16	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S11	1633	385/17	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S12	1669	385/18	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S13	596	385/19	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S14	505	385/20	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S15	348	385/21	US-PGPUB; USPAT	OR	ON	2004/11/05 18:17
S16	768	385/22	US-PGPUB; USPAT	OR	ON	2004/11/05 18:18
S17	120	398/55	US-PGPUB; USPAT	OR	ON	2004/11/05 18:18
S18	786	359/198	US-PGPUB; USPAT	OR	ON	2004/11/05 18:18
S19	403	359/199	US-PGPUB; USPAT	OR	ON	2004/11/05 18:18
S20	285	359/200	US-PGPUB; USPAT	OR	ON	2004/11/05 18:18
S21	1266	359/212	US-PGPUB; USPAT	OR	ON	2004/11/05 18:19
S22	2443	600/437	US-PGPUB; USPAT	OR	ON	2004/11/05 18:19
S23	11551	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2004/11/05 18:19
S24	201	(385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT	OR	ON	2004/11/05 18:20
S25	0	Dunne-dhane-denis.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:22
S26	8	Charles-steven.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:20

## EAST Search History

S27	104	Brown-david.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:20
S28	12	Stukalin-felix.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:21
S29	9	Nussbaum-michael-b.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:21
S30	2	onoicenco-Evghenii.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:21
S31	5	kelly-edward.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:22
S32	2	Dunne-shane-denis.in.	US-PGPUB; USPAT	OR	ON	2004/11/05 18:22
S33	9883	(mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:25
S34	2326746	(switch\$3 or (cross adj connect))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:23
S35	2326746	(switch\$3 or (cross adj connect))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:24
S36	3050	((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:26
S37	11551	385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:27
S38	201	(385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:28

## EAST Search History

S39	134	Charles-steven.in. or Brown-david. in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:30
S40	2	"20030095803".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:31
S41	1	"6201644".pn.	US-PGPUB; USPAT	OR	ON	2004/11/05 19:25
S42	1	"4436260".PN.	USPAT	OR	OFF	2004/11/05 19:18
S43	1	"4326799".PN.	USPAT	OR	OFF	2004/11/05 19:19
S44	1	"4883548".PN.	USPAT	OR	OFF	2004/11/05 19:19
S45	1	"4961627".PN.	USPAT	OR	OFF	2004/11/05 19:19
S46	1	"4727278".PN.	USPAT	OR	OFF	2004/11/05 19:19
S47	1	"4708420".PN.	USPAT	OR	OFF	2004/11/05 19:20
S48	1	"4961627".PN.	USPAT	OR	OFF	2004/11/05 19:20
S49	1	"5600741".PN.	USPAT	OR	OFF	2004/11/05 19:20
S50	1	"5061049".PN.	USPAT	OR	OFF	2004/11/05 19:21
S51	1	"5430571".PN.	USPAT	OR	OFF	2004/11/05 19:21
S52	1	"4475787".PN.	USPAT	OR	OFF	2004/11/05 19:22
S53	1	"4662709".PN.	USPAT	OR	OFF	2004/11/05 19:22
S54	1	"4772136".PN.	USPAT	OR	OFF	2004/11/05 19:23
S55	1	"5171984".PN.	USPAT	OR	OFF	2004/11/05 19:23
S56	1	"6201644".uref.	US-PGPUB; USPAT	OR	ON	2004/11/05 19:25
S57	18	"4436260".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:28
S58	13	"4961627".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:31
S59	4	"6154302".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:37

## EAST Search History

S60	2	"4879460".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:38
S61	2	"6249367".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:40
S62	6	"5430571".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:41
S63	4	"6154302".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 19:41
S64	5	("4717223" "4523800" "5606448" "6377293" "650384" "6549691").pn.	US-PGPUB; USPAT	OR	ON	2004/11/05 20:05
S65	1	"6664666".pn.	US-PGPUB; USPAT	OR	ON	2004/11/05 20:06
S66	11011	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2005/05/15 21:43
S67	196	(385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT	OR	ON	2005/05/15 21:43
S68	196	(385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/15 21:43

## EAST Search History

S69	191	Charles-steven.in. or Brown-david. in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/15 21:43
S70	34	mems with mirror with latch\$3	US-PGPUB; USPAT	OR	ON	2005/05/16 12:11
S71	49	mems with mirror with latch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/16 12:39
S72	2	"6760506".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/16 12:14
S73	113	(mems adj mirror) with (magnetic\$3 or electrostatic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/16 12:39
S74	57	("20010017665" "20020143252" "20 020181851" "20030095803" "43658 63" "4436260" "4523800" "4717223 " "4879460" "4961627" "5127072" " 5185675" "5208880" "5222071" "52 23971" "5233673" "5253033" "5253 098" "5255332" "5268974" "534552 1" "5373393" "5430571" "5606448"  "5682449" "5881042" "5927798" " 5943159" "5959756" "5963682" "60 02818" "6008834" "6031946" "6044 056" "6056447" "6072624" "608422 7" "6086776" "6097860" "6104478"  "6108466" "6137941" "6154302" " 6155802" "6163643" "6173105" "62 01644" "6205267" "6236771" "6249 367" "6300619" "6377293" "647847 7" "6526194" "6549691" "6560384"  "6664666").PN.	US-PGPUB; USPAT	OR	ON	2005/10/13 08:51
S75	1	"6687431".pn.	US-PGPUB; USPAT	OR	ON	2005/10/13 08:51

## EAST Search History

S76	11942	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2005/12/07 11:38
S77	208	(385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT	OR	ON	2005/12/07 11:38
S78	206	Charles-steven.in. or Brown-david.in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:38
S79	52	mems with mirror with latch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:21
S80	128	(mems adj mirror) with (magnetic\$3 or electrostatic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:39
S81	12996	((mirror or reflect\$3) WITH (mov\$3 or rotat\$3) WITH (BEAM or light or signal)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:23
S82	2824	((mirror or reflect\$3) WITH (mov\$3 or rotat\$3) WITH (BEAM or light or signal)).clm.	US-PGPUB	OR	ON	2005/12/07 13:23

## EAST Search History

S83	208	(385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect\$3 or deflect\$3) WITH Magnet\$3 WITH (rotate\$3 or position\$2 or move\$3)) and ((switch\$3 or (cross adj connect)) ))	US-PGPUB; USPAT	OR	ON	2005/12/07 13:24
S84	11942	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2005/12/07 13:32
S85	118	S84 and S82	US-PGPUB; USPAT	OR	ON	2005/12/07 13:32
S86	118	S84 and S82	US-PGPUB	OR	ON	2005/12/07 13:33
S87	916	359/198	US-PGPUB; USPAT	OR	ON	2006/05/25 11:35
S88	730	385/19	US-PGPUB; USPAT	OR	ON	2006/05/25 11:35
S89	2143	385/18	US-PGPUB; USPAT	OR	ON	2006/05/25 11:36
S90	12772	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2006/05/25 11:36
S91	3144	((mirror or reflect\$3) WITH (mov\$3 or rotat\$3) WITH (BEAM or light or signal)).clm.	US-PGPUB	OR	ON	2006/05/25 11:36
S92	12772	385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437	US-PGPUB; USPAT	OR	ON	2006/05/25 11:36
S93	122	S92 and S91	US-PGPUB	OR	ON	2006/05/25 11:36
S94	38	mems with mirror with latch\$3	US-PGPUB; USPAT	OR	ON	2006/05/25 11:36
S95	148	(mems adj mirror) with (magnetic\$3 or electrostatic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 11:36

## EAST Search History

S96	217	Charles-steven.in. or Brown-david. in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 11:36
-----	-----	--	---	----	----	------------------